

idelco  INSULATION BOARDS



: your vision, our challenge

CATALOG



ABOUT US



Idelco Insulation NV assists building professionals and private individuals in the construction and renovation of individual housing as well as industrial and agricultural buildings.

Our insulation panels have a PIR (Polyisocyanurate) foam core and are suitable for multiple applications : Roofs, Floors & Walls. They are manufactured in Belgium, within our highly automated and digitised factory, from the reception of the raw material to the stock management, through production. As part of its continuous improvement policy, Idelco Insulation NV invests in its R&D in order to always offer quality components while reducing its carbon footprint.

«We are a trusted partner with three core values : Expertise, Efficiency and Reliability»



Idelco Insulation NV benefits from a unique expertise and positioning on the market : a range of standardized insulation products, with an excellent quality/price ratio, supported by a reliable and responsible customer service, making it possible to respond to the completeness of a customer need.

Like our parent company, the Bremhove NV group, we pay attention to the development of a trusting customer relationship, based on the principles of reliability, transparency, and respect of deadlines ; in short, a product and a service that guarantee the success of our partners.



AT YOUR SERVICE

PHONE
+32(0)56 96 07 10
monday-friday
8-12 am / 1-5 pm

MAIL
sales@idelco.eu
or via our online form available
on our website

Join us on
our website
www.idelco.eu

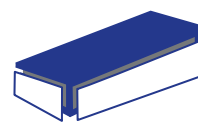


OVERVIEW OF IDELCO STANDARD RANGE



IDELCO-FLOOR

2



IDELCO-CONCRETE

3



**IDELCO-WALL &
IDELCO-WALL+**

4-5



**IDELCO-ROOF &
IDELCO-ROOF+**

6-7



IDELCO-SARKING

8



IDELCO-AGRO+

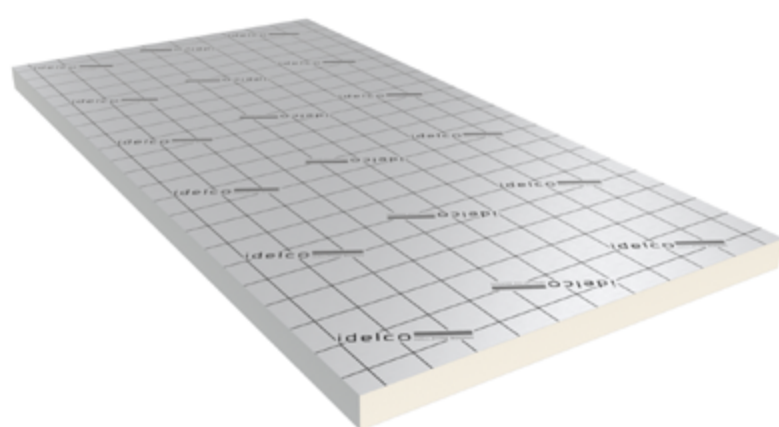
9

IDEALCO-FLOOR thermal insulation panels combine excellent thermal performance, lightness and high resistance to compression and are intended for floors in new construction or renovation. Our high quality rigid foam panels are finished on both sides with a multi-layer facing and are perfectly suited for use on solid underground or floating board application and with floor heating

GENERAL CHARACTERISTICS

APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
Floors	PIR foam	Multi-layer aluminium facing	1200 x 2400mm	40 - 120mm	■ Straight edges

Lambda value λ
0,022
 W/(m.K)



IDEALCO-FLOOR 1200 x 2400 (mm)

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100015	FLOOR 40 LAM 1200x2400 ST	40	1,80	12	34,56	5	172,80
100017	FLOOR 50 LAM 1200x2400 ST	50	2,25	10	28,80	5	144,00
100019	FLOOR 60 LAM 1200x2400 ST	60	2,70	8	23,04	5	115,20
100021	FLOOR 80 LAM 1200x2400 ST	80	3,60	6	17,28	5	86,40
100013	FLOOR 100 LAM 1200x2400 ST	100	4,50	5	14,40	5	72,00
100013	FLOOR 120 LAM 1200x2400 ST	120	5,45	4	11,52	5	57,60

TECHNICAL PROPERTIES

Thermal conductivity : (λ)	0,022 W/m.K
Compressive strength at 10% deformation	Min. 150 kPa
Foam density	30 kg/m ³ (+ /- 2 kg/m ³)
Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$	50 to 100 meters
Reaction to fire class (according to EN 13501-1)	F

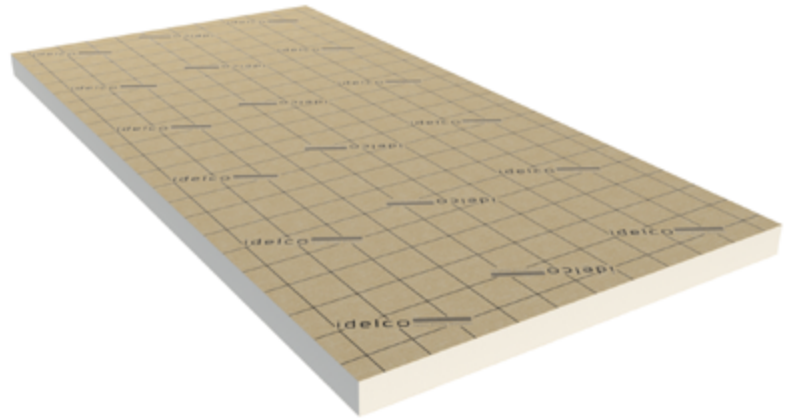


Combining excellent thermal performance, lightness and high resistance to compression, IDEALCO-CONCRETE insulation boards are intended to make concrete sandwich panels. Our high quality PIR foam boards are covered on both sides with a multi-layer kraft facing.

GENERAL CHARACTERISTICS

APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
Insulated concrete panels	PIR foam	Multi-layer kraft facing	1200 x 2400mm	30 - 120mm	■ Straight edges

Lambda value λ
0,022
 W/(m.K)



IDEALCO-CONCRETE 1200 x 2400 (mm)

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100326	CONC 30 KR 1200x2400 ST	30	1,35	16	46,08	5	230,40
100005	CONC 40 KR 1200x2400 ST	40	1,80	12	34,56	5	172,80
100007	CONC 60 KR 1200x2400 ST	60	2,70	8	23,04	5	115,20
100009	CONC 80 KR 1200x2400 ST	80	3,60	6	17,28	5	86,40
100011	CONC 90 KR 1200x2400 ST	90	4,05	5	14,40	5	72,00
100001	CONC 1000 KR 1200x2400 ST	100	4,50	5	14,40	5	72,00
100003	CONC 120 KR 1200x2400 ST	120	5,45	4	11,52	5	57,60

TECHNICAL PROPERTIES

Thermal conductivity : (λ)	0,022 W/m.K
Compressive strength at 10% deformation	Min. 150 kPa
Foam density	30 kg/m ³ (+/- 2 kg/m ³)
Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$	50 to 100 meters
Reaction to fire class (according to EN 13501-1)	F

/// IDELCO-WALL & IDELCO-WALL+

Combining excellent thermal performance, lightness and high resistance to compression, IDELCO-WALL & IDELCO-WALL+ insulation boards are intended for wall insulation. Our high quality PIR foam boards are coated on both sides with an aluminium or multi-layer aluminium facing.

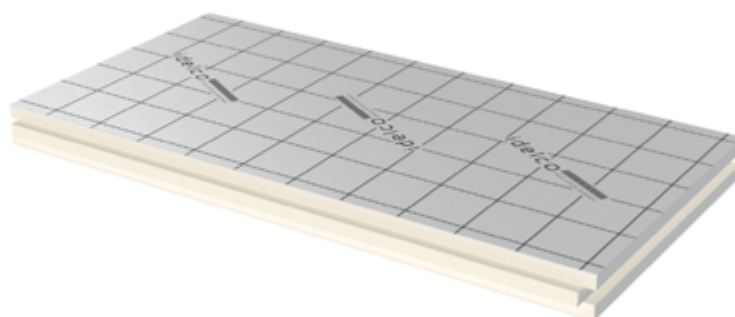
GENERAL CHARACTERISTICS

PRODUCT	APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
IDELCO-WALL	Cavity wall	PIR foam	Multi-layer aluminium facing	1200 x 600mm	40 - 160mm	■ Tongued-and-grooved
IDELCO-WALL +			Aluminium facing			

Lambda value λ

0,022

W/(m.K)



IDELCO-WALL 1200 x 600 (mm)

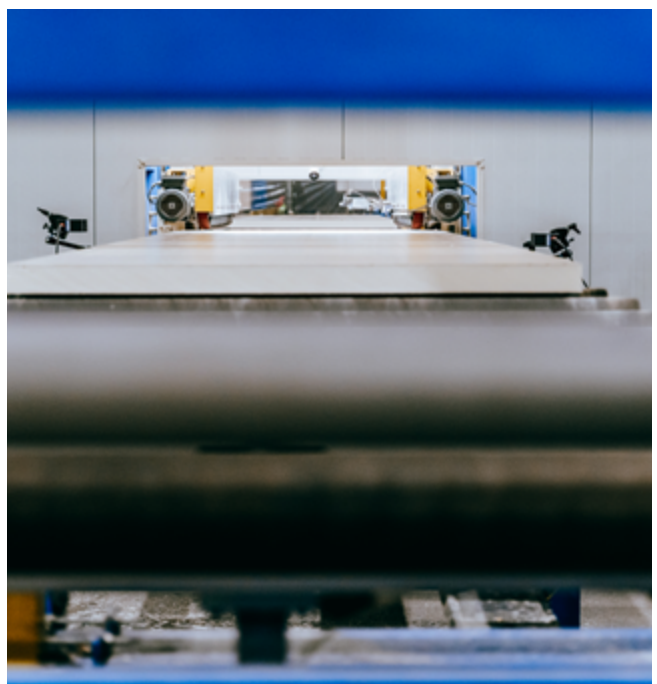
REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100141	WALL 40 LAM 1200x600 TG	40	1,80	12	8,64	10	86,40
100144	WALL 50 LAM 1200x600 TG	50	2,25	10	7,20	10	72,00
100147	WALL 60 LAM 1200x600 TG	60	2,70	8	5,76	10	57,60
100150	WALL 70 LAM 1200x600 TG	70	3,15	7	5,04	10	50,40
100153	WALL 80 LAM 1200x600 TG	80	3,60	6	4,32	10	43,20
100156	WALL 90 LAM 1200x600 TG	90	4,05	5	3,60	10	36,00
100126	WALL 100 LAM 1200x600 TG	100	4,50	5	3,60	10	36,00
100129	WALL 110 LAM 1200x600 TG	110	5,00	4	2,88	10	28,80
100132	WALL 120 LAM 1200x600 TG	120	5,45	4	2,88	10	28,80
100135	WALL 140 LAM 1200x600 TG	140	6,35	4	2,88	8	23,04
100138	WALL 160 LAM 1200x600 TG	160	7,25	3	2,16	10	21,60

IDELCO-WALL + 1200 x 600 (mm)

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100139	WALL 40 ALU 1200x600 TG	40	1,80	12	8,64	10	86,40
100142	WALL 50 ALU 1200x600 TG	50	2,25	10	7,20	10	72,00
100145	WALL 60 ALU 1200x600 TG	60	2,70	8	5,76	10	57,60
100151	WALL 80 ALU 1200x600 TG	80	3,60	6	4,32	10	43,20
100124	WALL 100 ALU 1200x600 TG	100	4,50	5	3,60	10	36,00
100130	WALL 120 ALU 1200x600 TG	120	5,45	4	2,88	10	28,80
100133	WALL 140 ALU 1200x600 TG	140	6,35	4	2,88	8	23,04
100136	WALL 160 ALU 1200x600 TG	160	7,25	3	2,16	10	21,60

TECHNICAL PROPERTIES

Thermal conductivity : (λ)	0,022 W/m.K
Compressive strength at 10% deformation	Min. 150 kPa
Foam density	30 kg/m ³ (+ /- 2 kg/m ³)
Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$	50 to 100 meters
Reaction to fire class (according to EN 13501-1)	IDELCO-WALL : F IDELCO-WALL+ : D - s ₂ , d0



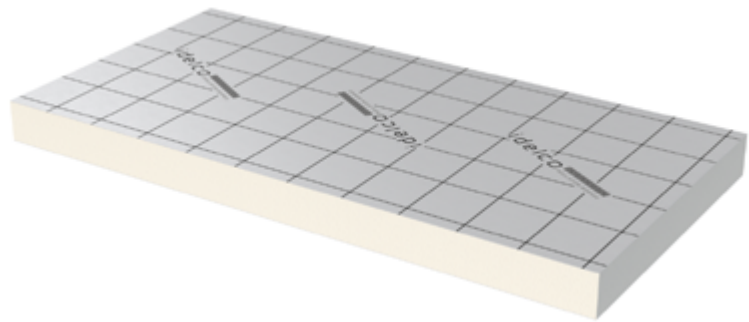
IDELCO-ROOF & IDELCO-ROOF+

Combining excellent thermal performance, lightness and high resistance to compression, IDELCO-ROOF & IDELCO-ROOF+ insulation boards are intended for flat and slightly inclined roofs. Coated on both sides with an aluminium or multi-layer aluminium facing, these high-quality boards are equally well suited to mechanical fixing and gluing.

GENERAL CHARACTERISTICS

PRODUCT	APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
IDELCO-ROOF	Flat roofs	PIR foam	Multi-layer aluminium facing	1200 x 600 mm or 1200 x 2400 mm	30 -160mm	<ul style="list-style-type: none"> ■ Straight edges on 4 sides ■ Rebated (L) on 4 sides
IDELCO-ROOF +			Aluminium facing		60 - 200mm	

Lambda value λ
0,022
W/(m.K)



IDELCO-ROOF 1200 x 600 (mm) | STRAIGHT EDGES

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100081	ROOF 30 LAM 1200x600 ST	30	1,35	16	11,52	10	115,20
100090	ROOF 40 LAM 1200x600 ST	40	1,80	12	8,64	10	86,40
100099	ROOF 50 LAM 1200x600 ST	50	2,25	10	7,20	10	72,00
100108	ROOF 60 LAM 1200x600 ST [ⓘ]	60	2,70	8	5,76	10	57,60
100115	ROOF 80 LAM 1200x600 ST	80	3,60	6	4,32	10	43,20
100030	ROOF 100 LAM 1200x600 ST [ⓘ]	100	4,50	5	3,60	10	36,00
100038	ROOF 110 LAM 1200x600 ST	110	5,00	4	2,88	10	28,80
100047	ROOF 120 LAM 1200x600 ST [ⓘ]	120	5,45	4	2,88	10	28,80
100056	ROOF 140 LAM 1200x600 ST [ⓘ]	140	6,35	4	2,88	8	23,04
100064	ROOF 160 LAM 1200x600 ST	160	7,25	3	2,16	10	21,60

[ⓘ] Quick delivery, standard product (MTS)

IDELCO-ROOF 1200 x 2400 (mm) | STRAIGHT EDGES

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100079	ROOF 30 LAM 1200x2400 ST	30	1,35	16	46,08	5	230,40
100088	ROOF 40 LAM 1200x2400 ST	40	1,80	12	34,56	5	172,80
100097	ROOF 50 LAM 1200x2400 ST	50	2,25	10	28,80	5	144,00
100106	ROOF 60 LAM 1200x2400 ST [ⓘ]	60	2,70	8	23,04	5	115,20
100114	ROOF 80 LAM 1200x2400 ST	80	3,60	6	17,28	5	86,40
100028	ROOF 100 LAM 1200x2400 ST [ⓘ]	100	4,50	5	14,40	5	72,00
100036	ROOF 110 LAM 1200x2400 ST	110	5,00	4	11,52	5	57,60
100045	ROOF 120 LAM 1200x2400 ST [ⓘ]	120	5,45	4	11,52	5	57,60
100054	ROOF 140 LAM 1200x2400 ST [ⓘ]	140	6,35	4	11,52	4	46,08
100062	ROOF 160 LAM 1200x2400 ST	160	7,25	3	8,64	5	43,20

[ⓘ] Quick delivery, standard product (MTS)

IDELCO-ROOF 1200 x 2400 (mm) | SHIPLAPPED EDGES

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100105	ROOF 60 LAM 1200x2400 SP	60	2,70	8	23,04	5	115,20
100113	ROOF 80 LAM 1200x2400 SP	80	3,60	6	17,28	5	86,40
100027	ROOF 100 LAM 1200x2400 SP	100	4,50	5	14,40	5	72,00
100044	ROOF 120 LAM 1200x2400 SP	120	5,45	4	11,52	5	57,60
100053	ROOF 140 LAM 1200x2400 SP	140	6,35	4	11,52	4	46,08
100061	ROOF 160 LAM 1200x2400 SP	160	7,25	3	8,64	5	43,20
100067	ROOF 180 LAM 1200x2400 SP	180	8,15	2	5,76	6	34,56
100071	ROOF 200 LAM 1200x2400 SP	200	9,05	2	5,76	6	34,56

IDELCO-ROOF+ 1200 x 2400 (mm) | STRAIGHT EDGES

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100101	ROOF 60 ALU 1200x2400 ST	60	2,70	8	23,04	5	115,20
100110	ROOF 80 ALU 1200x2400 ST	80	3,60	6	17,28	5	86,40
100023	ROOF 100 ALU 1200x2400 ST	100	4,50	5	14,40	5	72,00
100040	ROOF 120 ALU 1200x2400 ST	120	5,45	4	11,52	5	57,60
100049	ROOF 140 ALU 1200x2400 ST	140	6,35	4	11,52	4	46,08
100057	ROOF 160 ALU 1200x2400 ST	160	7,25	3	8,64	5	43,20

TECHNICAL PROPERTIES

Thermal conductivity : (λ)	0,022 W/m.K
Compressive strength at 10% deformation	Min. 150 kPa
Foam density	30 kg/m ³ (+ /- 2 kg/m ³)
Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$	50 to 100 meters
Reaction to fire class (according to EN 13501-1)	IDELCO-ROOF : F IDELCO-ROOF+ : F



Combining excellent thermal performance, lightness and high resistance to compression, IDELCO-SARKING insulation boards are intended for inclined roofs. Our high quality PIR foam boards are coated on both sides with a multi-layer aluminium facing.

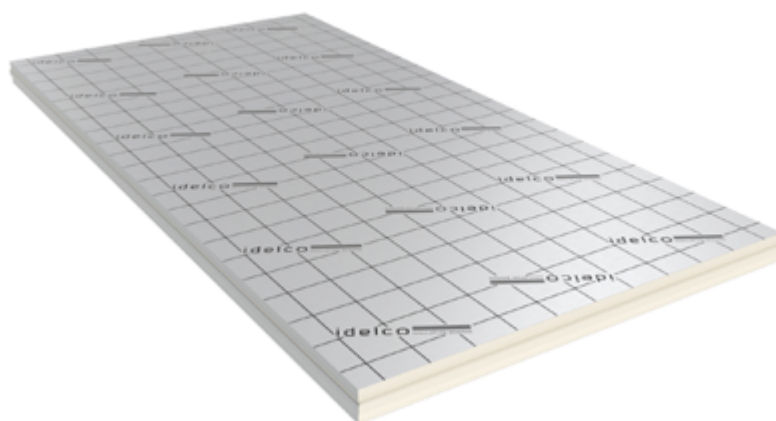
GENERAL CHARACTERISTICS

APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
Inclined roof	PIR foam	Multi-layer aluminium facing	1200 x 2400 mm	80 - 140mm	■ Tongue-and-grooved edges on all 4 sides

Lambda value λ

0,022

W/(m.K)



IDELCO-SARKING 1200 x 2400 (mm)

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100123	SARKING 80 LAM 1200x2400TG	80	3,60	6	17,28	5	86,40
100117	SARKING 100 LAM 1200x2400 TG	100	4,50	5	14,40	5	72,00
100119	SARKING 120 LAM 1200x2400 TG	120	5,45	4	11,52	5	57,60
100121	SARKING 140 LAM 1200x2400TG	140	6,35	4	11,52	4	46,08

TECHNICAL PROPERTIES

Thermal conductivity : (λ)	0,022 W/m.K
Compressive strength at 10% deformation	Min. 150 kPa
Foam density	30 kg/m ³ (+ /- 2 kg/m ³)
Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$	50 to 100 meters
Reaction to fire class (according to EN 13501-1)	F

Hygienic, easy to clean and made with specific aluminium coatings, our IDELCO-AGRO+ insulation panels are perfectly suited to all agricultural applications (livestock building and storage warehouses). The lengths are produced according to your needs (bespoke), with a maximum length of 12.65 meters (up to 15 meters on request), which guarantees you a minimum of joints. As for assembly, it is made easy and fast using thanks to PVC profiles.

GENERAL CHARACTERISTICS

APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
Ceiling insulation of livestock buildings and storage facilities	PIR foam	Slightly embossed aluminium of 50 microns thick, white lacquered at the visible side and natural at the backside	1200 mm x made to length	40 - 120mm	<ul style="list-style-type: none"> ■ Straight edges ■ Straight edges with sawcut for white H22 profile ■ Shiplapped edges with sawcut for white chair profile

Lambda value λ

0,022

W/(m.K)

IDELCO-AGRO+ 1200 x made to length (mm)

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)
200066	AGRO 30 ALU 1200x length	30	1,35
200067	AGRO 40 ALU 1200x length	40	1,80
200069	AGRO 50 ALU 1200x length	50	2,25
200071	AGRO 60 ALU 1200x length	60	2,70
200073	AGRO 80 ALU 1200x length	80	3,60
200062	AGRO 100 ALU 1200x length	100	4,50
200064	AGRO 120 ALU 1200x length	120	5,45

TECHNICAL PROPERTIES

Thermal conductivity : (λ)	0,022 W/m.K
Compressive strength at 10% deformation	Min. 150 kPa
Foam density	30 kg/m ³ (+/- 2 kg/m ³)
Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$	50 to 100 meters
Reaction to fire class (according to EN 13501-1)	F

www.idelco.eu



IDELCO INSULATION NV

Hooimeersstraat 1
8710 WIELSBEKE (Belgium)
T: +32(0)56 96 07 10

BTW : BE 0475 267 930

Copyright © 2022
EN 09/2022